

PRODUCT INFORMATION

Tryptic Soy Agar (TSA) with 5% Sheep Blood is an enriched growth medium utilized for the isolation of fastidious microorganisms and the determination of hemolysins such as *Staphylococcus spp.* and *Streptococcus spp.*



TSA WITH 5% SHEEP BLOOD

Material 5001

PHYSICAL CHARACTERISTICS:

Appearance: Prepared medium is opaque and medium to dark red

pH: 7.1 - 7.5 @25°C

GROWTH RECOVERY:

Test Organisms	Expected Results
<i>Escherichia coli</i> ATCC® 25922	Good growth; β hemolysis
<i>Neisseria meningitidis</i> ATCC® 13090	Good growth; γ hemolysis
<i>Staphylococcus aureus</i> ATCC® 25923	Good growth; β hemolysis
<i>Staphylococcus pneumoniae</i> ATCC® 6305	Good growth; α hemolysis
<i>Streptococcus pyogenes</i> ATCC® 19615	Good growth; β hemolysis

CAMP Test

Test Organisms	Expected Results
<i>Staphylococcus aureus</i> ATCC® 25923	Growth
<i>Streptococcus agalactiae</i> ATCC® 12386	Growth; Positive (Enhanced arrowhead)
<i>Streptococcus pyogenes</i> ATCC® 19615	Growth; Negative (No enhanced arrowhead)

STORAGE AND HANDLING INSTRUCTIONS:

Store sealed sleeves inverted at 2-8°C upon receipt. Do not heat or freeze and minimize exposure to light. Plates should be warmed to room temperature prior to use - not to exceed 30°C. Product expiry is 183 days (6 months) from the date of manufacture. Reference our *Prepared Media Storage and Handling* document for additional information.

FORMULA* (per Liter):

Casein Digest Peptone15.0g
 Peptic Digest of Soybean Meal 5.0g
 Sodium Chloride5.0g
 Agar15.0g
 Sheep Blood, Defibrinated5%

*Adjusted and/or supplemented as required to meet performance criteria

S² Media

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